

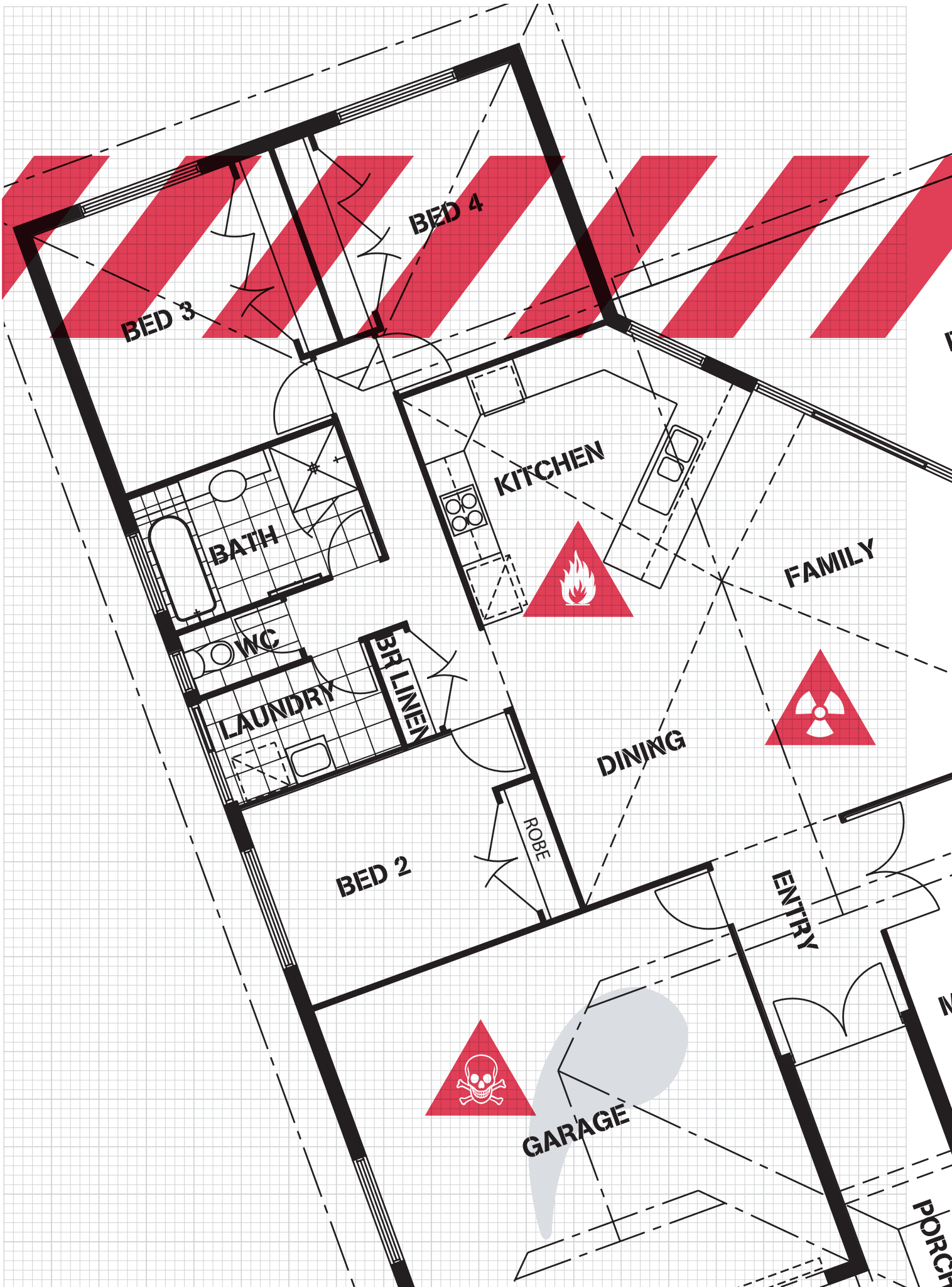
is your house killing you?

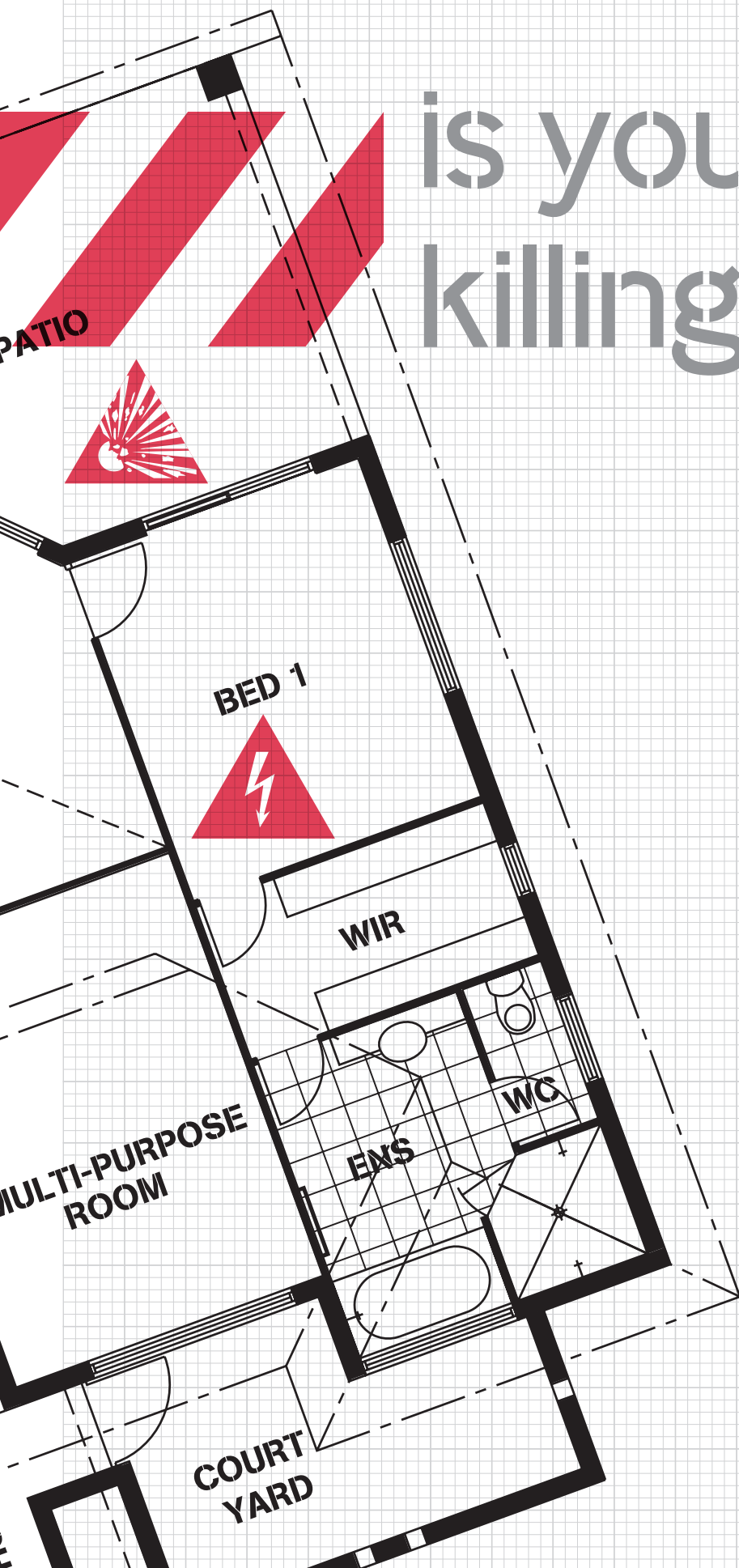
Press Kit



Wednesdays at 7.30pm
Starting October 17
(7 episodes)







is your house killing you?

For further information please contact,
SBS Senior Communications Specialist,
Bridget Stenhouse on (02) 9430 3792 or
bridget.stenhouse@sbs.com.au

Executive Producer: Chris Hilton
Series Producer: Sonja Armstrong
Co-Producer: Carl Kuddell

Production Company details:
Essential Viewing Group
Level 2, 6A Nelson Street
PO Box 283
Annandale NSW 2038
Australia

Phone: +61 2 8568 3118
Fax: +61 2 9519 2326

© 2007 Essential Viewing,
Tallstoreez Productionz
and South Australian Film Corporation

is your house killing you?

Is Your House Killing You? is an entertaining scientific makeover show about toxics in the home. It once and for all separates the facts from the filth and provides valuable tips and tricks for the viewer.

In this era of cocooning, creating a retreat from the world has become an intense focus of our lives. We spend most of our time indoors. But in creating this haven, little do we know that there is a parallel universe within that is more toxic than the one we're trying to escape.

Government and media focus has shifted to indoor air pollution. And the main culprits are right under your nose – mould, pesticides, solvents, deodorizers, cleansers, dusty carpets, paint, particleboards, adhesives, fumes from gas heating...

A focus of the show is to bring the invisible dangers to light, and provide guidance for the viewers.

We found recent studies confirm that the wider community is concerned about toxins but most people don't understand the issues and desperately want information about the hidden health and environmental risks indoors. Research is indicating that 21st Century disease, Sick Building Syndrome, multiple chemical sensitivities and other chronic diseases such as asthma and eczema are on the rise.

We believe the ongoing value of this show is that it is not only fun to watch our experts track down the culprits and find solutions, but it also interprets science for household use.

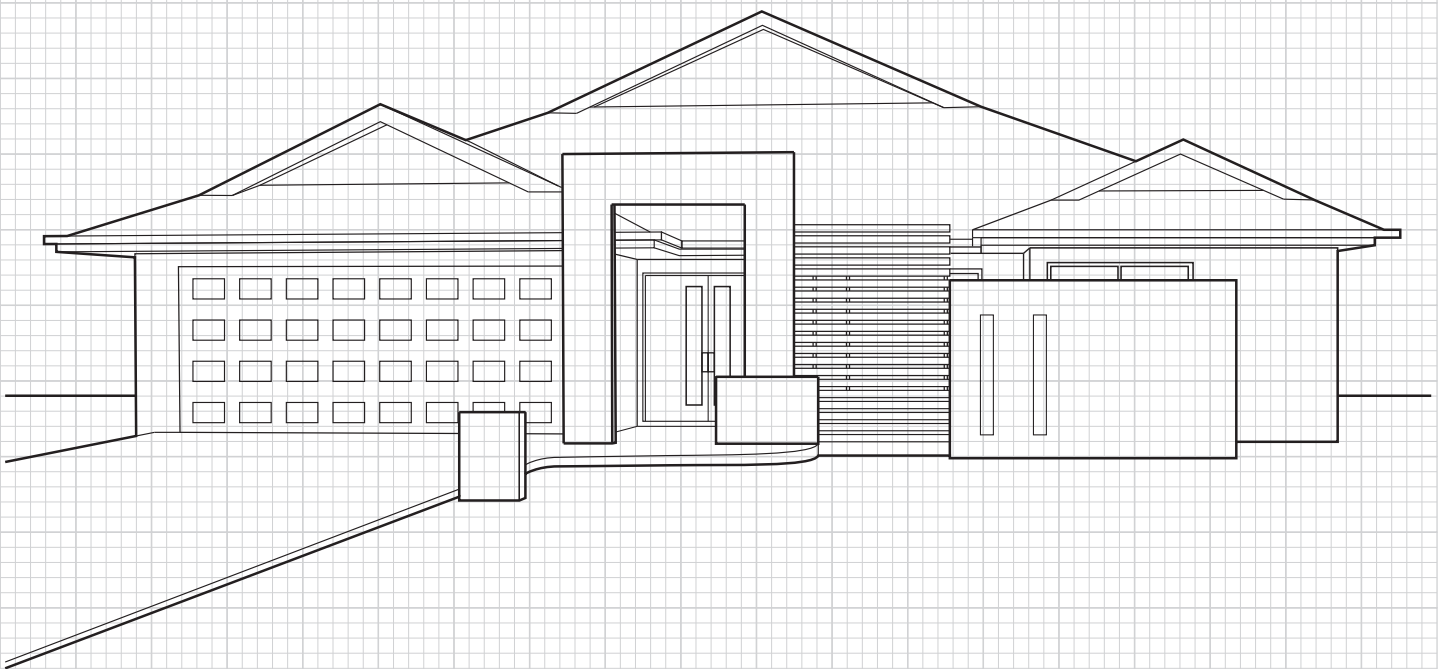
During the development and production stages we interviewed dozens of potential participants –from over 500 applications– and it has been a journey of discovery for everyone; our experts, production team and families.

Our expert team worked through a diverse range of homes in a CSI-style investigation – some houses had to be evacuated before we even were able to shoot! This was one of the early signs that this show has a very important role to fulfil – and it might even save lives. No matter what house you live in, we discovered they all harbour a parallel microscopic world of hidden dangers.

The challenge for our creative team was to package the vast amount of scientific research, test results, insightful documentary moments and at times heart-wrenching family revelations to deliver exciting TV with DIY appeal.

Whether you live in an old home, are about to buy a new house, or are renovating, . Whether you are preparing your nest, growing a veggie patch or working in your shed, Is Your House Killing You? is essential viewing.

Life won't be the same once you ask: 'Is Your House Killing You?'



Dr. Peter Dingle

Presenter

Dr. Peter Dingle is a Senior Lecturer and Associate Professor at the School of Environmental Science at Murdoch University in WA. His research has led him to believe that the way we lead our modern lives is preventing us from reaching our full potential. Our health, our work, our environments, our outlook. Dr Dingle has made public speaking an art. His presentations are enthusiastic and inspirational, entwined with memorable stories and spiced with a slice of magic. He interacts and motivates. He takes complex scientific information and converts it so that it is dynamic, easy to understand and informative. He is a regular in state and national print media and may be heard weekly on radio and TV, reporting on health and the environment. You can frequently catch him on ABC radio programs around the country.

Cedric Cheong

Presenter

Cedric Cheong B.Env.Sc, MSc (Env.Sc), is currently an Associate Lecturer at Murdoch University teaching Environmental and Occupational Health & Safety. Cedric is actively researching the area of mould remediation and fungi in indoor air and occupational health and safety initiatives particularly in the areas of behavioural modification.

Cedric's master's work saw him specialise in Environmental, OHS and Quality Management Systems and integration in small and large business. Cedric has also completed training in the area of microbial sampling and HVAC investigations in Phoenix, Arizona and has visited various research centres in the Netherlands, Finland, Singapore, Canada and the USA as part of his research on indoor fungi, mould remediation, cleaning and indoor air.

Cedric is currently completing his PhD on mould, cleaning and indoor air. Cedric has presented his PhD research at various overseas and domestic conferences, recently at the Indoor Air Conference in Beijing, China. Cedric regularly presents seminars and talks on cleaning and indoor air for various communities as part of the AirWatch Program for the Department of Environment.



episode 1

the hatfield house



The Hatfield's look like the perfect Queensland family. Suntanned, outgoing and always up for a good time. But something is seriously wrong in the family home. Underneath the veneer, all five Hatfields are suffering from health conditions that could leave them with anything from respiratory damage to permanent blindness: Could their house be killing them?

The Hatfield Family

The Hatfield's look like the perfect Queensland family. Suntanned, outgoing and always up for a good time. But something is seriously wrong in the family home. Underneath the veneer, all five Hatfields are suffering from health conditions that could leave them with anything from respiratory damage to permanent blindness: Could their house be killing them?

The Hatfield house, an old Queenslander, sits on an acre block in the picturesque hills of the Gold Coast. Here, dad Geoff and mum Marie spent their lives trying to provide an idyllic home life for their three kids; Carly 21, Josh 18 and Sharna 13.

But something is seriously wrong. The Hatfields are sick.

Geoff, a graphic & spraypaint artist, is virtually incapacitated by his chronic, life threatening asthma. Marie suffers from multiple chemical sensitivity (MCS) and the kid's list of allergies reads like an anti-histamine commercial. The Hatfields joke about their ailments but their humour only thinly hides the scars from living with their own poor health and Geoff's disability.

Over the years Geoff and Marie have tried to find out what is wrong with their family and have visited countless doctors and experts. They estimate they spend around \$10,000 on medications each year. But nothing has cured them. They have become so accustomed to their illness, that visits to the emergency department for Geoff's asthma are seen as a normal part of family life. Most nights they watch TV wearing headphones to block out the noise from his nebulizer.

Exhausted by constant illness in the home, and even mood swings caused by Geoff's medication, the family is at breaking point.

Marie Hatfield blames their health problems on Geoff's spray painting, and the harsh chemical he uses. So, burdened with guilt, Geoff has relocated his studio from under the house to an outside shed.

But still the health problems haven't gone away...

In a half hour show, our team: Dr Peter Dingle and Cedric Cheong investigate what's happening in the Hatfield home how a secret hidden in the house itself could be responsible for putting the Hatfields health at dire risk. Along the way they uncovered poisonous mothballs, spray paint fumes and residues and an unexpected problem; highly toxic mould.

The remediation plan includes: How to set up a safe working or hobby studio in the home, and how to re-mediate for mould. Our experts help the family finally get to the bottom of a mystery that has left their health and even their sanity on the edge.



episode 2

the kempler house



Ilana Kempler redesigned her stylish, two-story villa in Melbourne, but despite her efforts to keep it immaculate she discovers the ducted air conditioning re-circulates polluted air throughout the house triggering her asthma and leaving the rest of the family with dry sore throats.

The Kempler Family

Ilana Kempler redesigned her stylish, two-story villa in Melbourne, but despite her efforts to keep it immaculate she discovers the ducted air conditioning re-circulates polluted air throughout the house triggering her asthma and leaving the rest of the family with dry sore throats.

Leon and Ilana Kempler love their home and enjoy their life filled with the activities of their children and friends. Leon is a member of the Australian Order for services to the Australian Jewish community. Harry, 23, Ilana's stepson, is doing his Masters; her daughter Lauren, 17, is a typical teenager; sensitive Benjamin, 15 is a musician at heart and Aaron her youngest, is 9, and loves computer games.

Their contemporary house features large open rooms, an attached double garage, tennis court and pool. Ilana takes great pride in her interior decoration and twice a week employs a cleaner to keep the house spotless. It is no small job as the house is brimming with extraordinary art works.

The Kemplers have a very busy social calendar and keep in touch with their extended family during Jewish festivities. They love entertaining and their guests come from around the world.

Although everyone in the family is generally happy and healthy, within minutes of turning on the ducted air conditioning system, they suffer from sore throats and itchy eyes. Ilana believes that dust triggers her asthma and is a self-confessed 'clean freak', but despite all her efforts the dust keeps coming back within days.

She is convinced the dust keeps them from sleeping well at night. She's tried everything; from closing the windows near the road, sealing the exposed brick walls, replacing ducts, servicing the air conditioner, and endless cleaning, but to no avail.

In a half hour science show our experts Dr Peter Dingle and Cedric Cheong test the air quality in the house, and track down the source of the indoor pollution, including the impact of their inbuilt garage.

The remediation plan includes cleaning and maintenance of ducted heating and air conditioning system. Our experts also show the family how to deal with the fumes from in-built garages, how to maintain a clean house without chemicals and efficient dust management. After the air conditioner is cleaned, Ilana notices dramatic improvements to her health and can rest easy that she now has a truly clean and non-toxic home for her family.



episode 3

the walton house

Four years ago, photographer Kevin Walton moved his family to paradise; a pole house, complete with pool overlooking the lush greenery of the Gold Coast. But when Kevin expanded his property with a specially treated timber, he was completely unaware that preservatives in the wood itself could affect their health.

The Walton Family

Four years ago, photographer Kevin Walton moved his family to paradise; a pole house, complete with pool overlooking the lush greenery of the Gold Coast. But when Kevin expanded his property with a specially treated timber, he was completely unaware that preservatives in the wood itself could affect their health.

Following a lifelong dream, Kevin Walton and his wife Sarah sold their newly self-renovated house in Bristol, England and told their 8-year-old daughter Joely to pack her bags for a year-long road trip across Australia. The whole family lapped up the Australian outdoors lifestyle and soon decided to stay for good.

With a swimming pool and lush tropical surrounds, their new home seemed perfect. But their troubles began one week after arrival when non-stop rains flooded the entire ground level of the house. Parts of the sloping block holding their pole house upright were swept away. So began an arduous task of building timber embankments to protect the Waltons' garden from the landslides.

To make matters worse, the family soon discovered that termites were literally devouring their timber home. The wet soil against the house was exactly what the termites needed to get into the framework. So, to keep the termites at bay, Kevin built his embankments and the family swimming pool deck with a specially treated timber - known as CCA (Copper Chrome Arsenate) treated timber. This cheap building material is intended to withstand rot, fungus, and termites. It was the answer to the family's prayers.

But though it was cheap and easy to use, the treated timber also contained two carcinogenic substances: Arsenic and Hexavalent Chromium. Both of these heavy metals are considered to be highly toxic and have the potential to cause serious damage to human health.

Over two years, Kevin sawed, drilled, and hand-worked hundreds of timber planks containing the toxic green CCA and turned his house and garden into a CCA-treated fortress. But although Kevin noticed that he developed skin lesions when he first handled the treated timber, he dismissed the effect as nothing to be concerned about. It never entered his mind to consider that the preservatives in the wood could be placing his own health at risk and that of his young daughter at risk as she played by the family pool on exposed CCA decking.

Yet, in the last few years, the use of CCA-treated timber for high skin contact areas, such as decking, picnic tables, and handrails, has been restricted in Australia, the US, and Europe. But on the Walton property, more than 3 km of wood has been used. And unbeknownst to Kevin, Arsenic and Hexavalent Chromium contaminants had begun to find their way inside the house, and even potentially into the food they ate...

So in trying to protect his family, could Kevin Walton actually be slowly poisoning them?

In a half-hour factual entertainment show, our experts Dr Peter Dingle and Cedric Cheong get to grips with the potential health hazards putting the Walton family in jeopardy. They reveal how Carcinogens are contaminating the family house and how they can even enter into the human body, putting the whole family's health at risk of potentially irreparable long-term damage.

The remediation plan will include how to manage termites without excessive use of poisons, how to work with & maintain CCA-treated timber, and how to reduce the presence of any poisonous contaminants in the home. With Peter & Cedric's help, the Waltons learn that using toxic materials near the home come with risks attached and that simple lifestyle changes, like leaving shoes at the front door, will make their Australian paradise a much less dangerous one.

episode 4

the edler house

When first time buyers Bronwyn and Brian Edler chose a peaceful spot on the outskirts of Sydney, they thought they had found the ideal place to raise their young family. But after moving in they were to discover that something as common as mould can in fact be a serious threat to family health.

The Edler Family

When first time buyers Bronwyn and Brian Edler chose a peaceful spot on the outskirts of Sydney, they thought they had found the ideal place to raise their young family. But after moving in they were to discover that something as common as mould can in fact be a serious threat to family health.

Bronwyn and Brian Edler chose their home for its tranquil location. Surrounded by gum trees in a quiet neighbourhood, it seemed the ideal place to raise their sons, Nathan, 2, and Sebastian, 9 months.

But after moving in, the whole family watched their health deteriorate dramatically. Rarely a week goes by without at least one member of the family suffering from a cold, flu or stomach bug. Each morning they wake up sneezing, and throughout the day they suffer from inexplicable mood swings and irritability.

Brian, Nathan and Sebastian are all plagued by eczema, but their doctors have been unable to find a cause for their constant ill health. The fatigue they suffer is truly debilitating. But, whenever they leave the house for longer than a few days, they mysteriously start to feel better. With no other explanation available, the family have finally begun to suspect their health problems may be linked to their house itself.

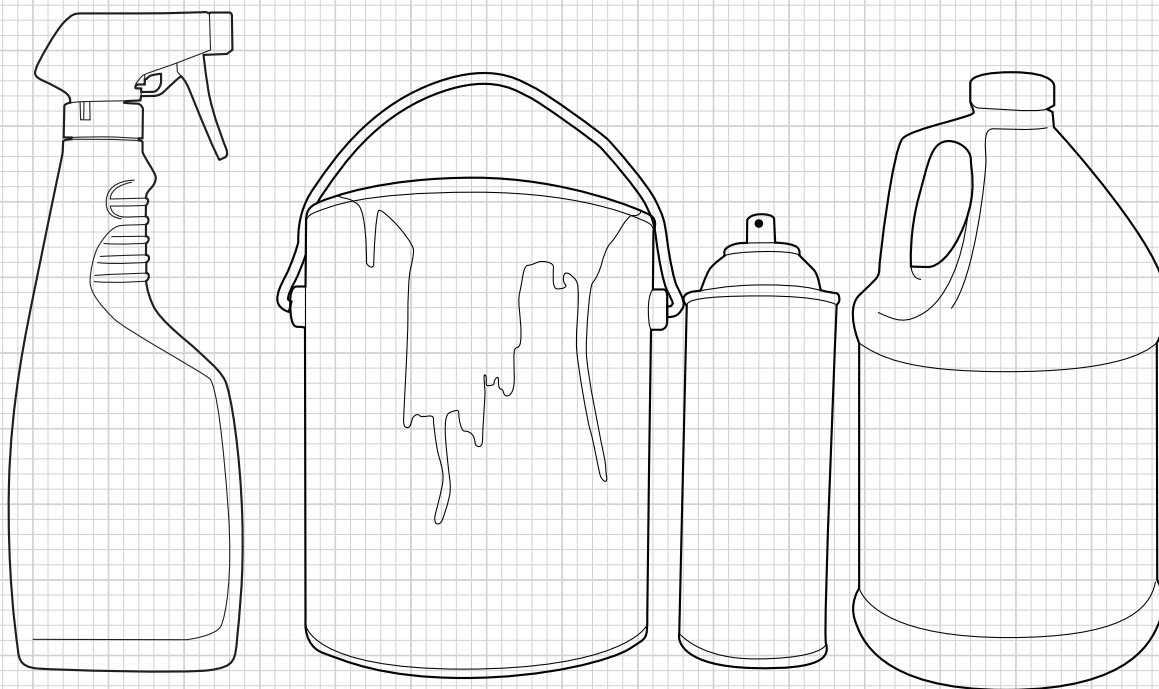
When they bought the house two years ago, it was a fixer upper, but they believed the leaky roof was a temporary problem. However, within a few months, after some heavy rain, the roof was leaking again and there was a heavy musty smell inside the house. Soon, they could see mould growing on the mirrors and on their clothes, which required regular cleanups just to keep the house presentable.

Little did they know that the mould in their house could be responsible for making them ill. But as Peter and Cedric find out upon meeting the Edler's, this is no ordinary mould problem. It's so serious that individual species of toxic mould – some with health effects comparable to nerve gas – are present in dangerously high amounts.

Shockingly, the Edler's will learn that, so serious is the risk to their health, the family will need to be evacuated from their home for their own well being...

World-renowned mould specialist Dr Heike Neumeister-Kemp joins Peter & Cedric to assist the team as they investigate the Edler house and embark on a truly massive remediation plan. The results are astounding.

After the remediation, Peter & Cedric help the family with easy tips on how to prevent the mould invasion from recurring again in their home, including one surprise revelation about a cleaning product we all take for granted.



episode 5

the adiguzel-bekir house



In suburban Melbourne Arzu and Ismail Adiguzel-Bekir long to create their dream home, but while waiting to renovate they discover that dust mites are causing their young kids to have persistent allergic symptoms and another hidden potential health threat: heavy exposure to invisible electromagnetic fields.

The Adiguzel-bekir Family

In suburban Melbourne Arzu and Ismail Adiguzel-Bekir long to create their dream home, but while waiting to renovate they discover that dust mites are causing their young kids to have persistent allergic symptoms and another hidden potential health threat: heavy exposure to invisible electromagnetic fields.

Arzu and Ismail live in suburban Melbourne and love the neighbourhood, but their young kids constantly have colds and coughs, which they think might be related to the colourful toadstools that started sprouting in the bathroom.

It was important for them when choosing their home three years ago that it have a backyard and room for their young children, Ela, 3 and Taha, 1, to play, and to be able to grow their house along with their family.

Arzu herself suffers from sore, red eyes, sinusitis and eczema. They feel they are choking on dust in their carpets that does not improve with daily vacuuming. Arzu is so worried about her house that she will not let the children play in the 'toxic' room – a room that is growing mould and mushrooms because it is next to a leaky bathroom.

Dr Peter Dingle and Dr Cedric Cheong enlist expert help to tackle this toxic house. They will test the dust with dust vacuum samples, and test the air quality for ultra-fine toxic particles. The house records extremely high moisture readings, indicating the need for urgent remediation, and a surprise discovery to all – the electric under floor heating is emitting high levels of electromagnetic fields.

An urgent remediation of the leaking bathroom takes place, and the family are given simple tips on how to prevent dust from causing health problems. The mould remediation will likely cause a marked improvement in their health and Arzu's worries about her toxic time-bomb can be laid to rest.



episode 6

the moore house

In winter Trenna and Steve Moore play with their three young boys in a large family room heated by an un-flued gas heater, but after one son was hospitalized with asthma, they discover the potential health hazards associated with their heating system.

The Moore Family

Trenna and Steve Moore happily play with their three young boys in their large family room, but after Jesse was hospitalised with asthma, they discover the fumes from their un-flued gas heater are highly toxic.

Recently Trenna and Steve Moore faced a parent's nightmare; standing at the hospital bed of their tiny four year old son, watching him fight for his life. Jesse's brothers were bewildered as the nurses pump medicine into an intravenous drip. It was horrifying for them to see him struggling to breathe. The whole family had no idea that asthma could be life-threatening. Now they are determined to find out what triggered the attack – and they will do anything to stop it from happening again.

Six years ago the Moores were thrilled to find a newly renovated 'heritage listed' bungalow. They were attracted by the location in an established suburb of Adelaide. Also, the large family room extension was ideal for their three young sons, Ethan, 6 and twins Jesse and Daniel, 4. Steve is an active partner of a successful chartered accountant firm. Trenna works part-time, as a community nurse.

Steve and Trenna love the boys dearly and have turned their house into a veritable playground. But after the asthma attack, the boys all sleep in one bedroom for comfort, with one mattress on the floor. It doesn't stop their play area sprawling into another carpeted room with a fire place: A kids paradise - but is it safe?

In winter family life is spent in the lofty family/ kitchen extension and on cold nights they use a small gas heater to quickly warm the area. They all snuggle up on the cosy couch to watch TV. Trenna knows cold can trigger asthma so she is careful to keep the room warm.

The kids complain about the gas smell, but she and Steve can't see the point of keeping the back door open to get fresh air, when they want to heat the room! Instead every few hours they turn the heater off until the cold creeps back in. Their gas heater is incredibly efficient, but Trenna is concerned that the whole family feels dizzy and very sleepy once it is on.

Trenna and Steve are unaware of the real dangers this tiny heater poses for their family. Research has shown there is an increase in asthma in homes that use un-flued gas heaters. Nitrogen dioxide can lead to coughing, shortness of breath and increased respiratory infections – it also is known to trigger asthma! They are shocked to find that their heater – and incorrect use of it (ie. not keeping windows open) could be a contributing factor behind their son's asthma attack and hospitalisation.

Carbon monoxide deprives the body of oxygen and can impair thinking and cause headaches. For some people including young children it can affect the heart.

The heater fills the room with dangerous gases that also increase the humidity in the room and this often leads to a mould problem. Though not visible it smells musty in the boy's bedroom and play area. And with Ethan's mattress on the floor, covered in toys and bedding everywhere, are ideal conditions for dust mites - all potential allergens and asthma triggers!

Dr. Peter Dingle and Cedric Cheong investigate what toxins in the house could trigger Jesse's asthma. They check the NOX and CO levels from the un-flued gas heater and test for humidity and mould growth. Their DIY tips support the family to reduce asthma triggers, which include HEPA vacuuming, managing the allergens in the boy's rooms without causing undue stress. Stress can also trigger asthma!

The gas heater is replaced with a flued gas heater and the whole house is quarantined to undergo ozone shock treatment before everything is HEPA vacuumed.

episode 7

the gammon house

Parents-to-be Hannah and Jock are renovating their two bedroom Sydney bungalow. With new painting already underway and a complete nursery makeover around the corner, the couple are blissfully unaware of the house's high toxicity. Even before birth, their child has been exposed to hundreds of chemical compounds, many of which could harm their child's health and development. MDF construction, asbestos, a filthy chimney and an unflued gas heater pose further threats as the Gammon family discover the importance of a house detox.

Jock and Finnish born Hannah run a landscape gardening business from a nearby office and live in the secluded leafy suburb of Daceyville. While they've had plenty of experience renovating gardens they've never done up a house before and are concerned about the obvious nasties in asbestos, dust and lead based paint.

In addition, Jock has concerns about the recently exposed floorboards after he decided to take up all the carpet. A vast amount of dust is settling everywhere. The house is also now much colder and although Hannah, who migrated from Finland seven years ago, has wood fire plans, Jock tends a little more conservatively towards household heating. An ancient unflued gas heater sits in the living room corner, the couple are oblivious to its dangerous gasses.

Dr Peter Dingle and Dr Cedric Cheong arrive just as the couple are about to put high-solvent polyurethane on the floors and paint the walls with ordinary paint. Jock proudly shows them his unsealed toxic MDF particleboard cupboards. Little does the couple know that even before birth, their child has been exposed to hundreds of toxins, many of which could harm their child's health and development. A new study has concluded that, contrary to popular belief, the placenta does not shield the baby from most chemicals and pollutants in the environment. Recent scientific tests have shown an average of 200 industrial chemicals and pollutants in umbilical cord blood.

Like most nesting parents the Gammon's have planned to create the dream family home but in the process created a toxic parallel universe of substances against which a newborn or unborn, has no defenses. Given the potential long-term health effects to the baby, Peter and Cedric advise the family to move into their office (a converted house) until the renovations are complete.

This comes as a shock to Hannah, who thinks Australians have very low hygiene standards. Indeed, her house is clean and she uses environmentally friendly products (apart from a can of highly toxic oven cleaner in the cupboard). Like many people concerned with cleanliness and the environment, Hannah is unaware of an equally important factor to wellbeing - indoor air quality.

Given that Hannah manages the business, she intends to take the baby with her to work once it is born. However, our experts Peter and Cedric discover further toxic office problems...most notably, toner and fire retardants in the computing equipment. They advise her to ensure that she doesn't get into the habit of placing the sleeping baby by her desk among all the office equipment, citing recent studies that highlight the real risks associated with exposure to toner and fire retardants.

Back at the lab Peter and Cedric test plastic and soft toys (for the recently publicised high levels of lead and formaldehyde), the intended wall paints, the MDF wood in Jock's cupboards, Hannah's Mr. Muscle and the office toner. Dust vacuum samples and ultra-fine toxic particles that have been aerosolised during their initial renovations are analysed. Given toddlers penchant for crawling, it is imperative to maintain a toxic-free floor. Tests pick up chemicals and toxins currently on the floor and also on shoe soles, confirming published research that shows toddlers can ingest the equivalent of three cigarettes a day's worth of toxics (benzene etc) from what they pick up off the floor.

Back at the home, a simple remediation plan involving cost effective and practical solutions is executed. This involves an expert sealing the floorboards with low solvent polyurethane sealant, and low toxicity assured toys and furnishings. The family is given simple tips on how to prevent health problems when renovating. An effective heating system will be installed and the chimney will be cleaned for occasional wood fires.

With the house remediated we end with Jock and Hannah preparing for a safe renovation and their new baby enjoying its new nursery.

producers

directors

Chris Hilton

Executive Producer EVG

EVG has three main factual producers: Chris Hilton, Ian Collie and Sonja Armstrong who cover the full range of factual programming including: science, history, arts, factual entertainment, observational documentary, lifestyle and entertainment formats. EVG's most recent factual production was *The Catalpa Rescue* a one hour docudrama for RTE and ABC. Currently in production are dramatised adventure documentaries for National Geographic and RTE and history, science and biography single hours. EVG is also producing a theatrical feature documentary called *The Choir* with National Geographic feature films. Current research and development at EVG is focusing on cross-platform formats and high-end HD drama-doc specials.

Sonja Armstrong

Series Producer

Sonja Armstrong is a director of Essential Viewing (EVG), a production company established in 2005 to bring together the talents of Australia's leading factual and drama producers. The company is currently producing feature films, drama series, dramadocs, factual entertainment and documentaries. EVG has first look development funding arrangements with RDF Rights for factual and C4 International for drama. Recent credits include *Neil Perry's High Steaks*, a observational series for Lifestyle Channel that followed Australia's most famous celebrity chef, *The Floating Brothel*, a docudrama for BBC2, PBS and ABC about an all female convict ship sent out to Australia to save a colony and redeem themselves to become the founding mothers of Australia and *Heat in the Kitchen* (5 X ½ HR for SBS, UK TV) about duelling chefs and critics.

Roger Power

Series Director

Roger is a Producer and Director working in documentary and factual entertainment. In 2006 Roger Produced and Directed two episodes in the acclaimed BBC series *Grime Scene Investigation*, in which a world first £500,000 mobile laboratory was driven around the country to examine the health risks present in UK homes. Other broadcast credits include Producing & Directing the BBC's *Help Me Anthea I'm Infested*, (2007) assisting pest infested families as they rid themselves of their unwanted guests. As a producer and Director for National Geographic and Discovery Channel, credits include, *Megastructures: Supertanker*, *Crash Science* and *The Dark Side of Dolphins*. With ten years experience working for domestic and international broadcasters, Roger is an experienced film-maker and developer in the areas of science and popular culture.

Daniella Ortega

Director

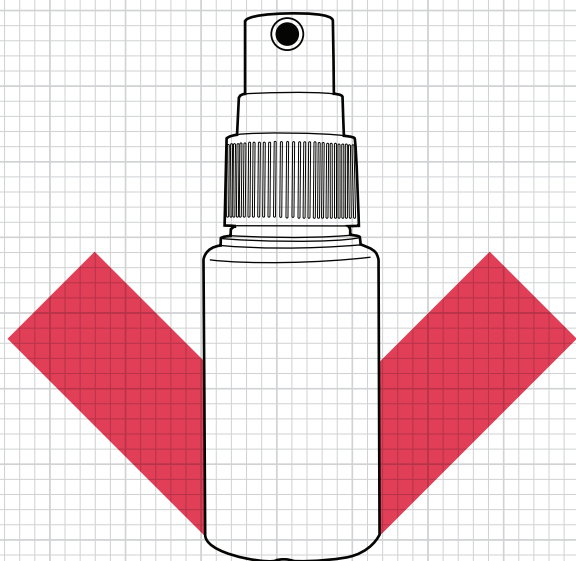
Daniella is a producer and director working across documentary and drama. In 2006 Daniella produced and co-directed the successful four part documentary series *Battle of the Brains* for ABC TV about the epic journey of Australia's brainiest teenage science students as they strive to represent their country at the International Science Olympiad in Beijing. Other broadcast credits include producing and directing an original 40 part short biography series *Brilliant Lives* for Foxtel, highlighting the personal and public lives of some of Australia's most inspirational and unknown women. A graduate of the Australian Film Television & Radio School, Daniella is an award-winning producer with experience in network television as well as directing educational documentaries and developing dramatic feature films.

Jennifer Lyons-Reid

Director / Associate Producer / Science Researcher

Jennifer Lyons-Reid is the creative director of tallstoreez productionz, a multi-award winning TV, new media art and education company. Jennifer loves: fun, social impact filmmaking, innovative education, public art and creative collaborations. Jennifer avoids: boredom and ignorance. Her scientific and educational background (Bsc, Dip.Ed) has been invaluable for *Is Your House Killing You?*

Jen is also writing and directing a slate of cross-platform projects and games, educational projects and hybrid documentaries for ABC, art festivals and international markets. Her latest half hour documentary, *First Fleet Back*, went on air in 2007 on the new National Indigenous TV channel and her first one-hour documentary, *Holiday Camp*, has screened globally in over 500 major events, including international festivals, exhibitions and broadcasts and has been translated into 8 languages.



Carl Kuddell

Co-Producer, tallstoreez productionz

Carl Kuddell is executive producer of tallstoreez productionz, a multi-award winning digital media company. Carl's recent credits include the multi-award winning *First Fleet Back*, a half hour documentary, recently aired on the National Indigenous TV; *Holiday Camp*, a one hour documentary, sold to multiple territories and translated into 8 languages. *Directing the Hero Within*, a 2-hour film-training DVD, which won the prestigious ATOM award, finalist for the AIMIA Awards 2007 and has been picked up by US cable channels and several international distributors. The tallstoreez team has earned a strong reputation as a progressive cross-platform company; producing content for broadcast, education, web, games, art festivals and international markets.

Steve Brown

Scientific Advisor

Dr Stephen Brown retired from CSIRO in January 2006, but until then was a Principal Research Scientist with CSIRO Manufacturing and Infrastructure Technology, where he led research on Air Quality Control Sciences. He returned to CSIRO as a casual staff from March 2006, to assist in two CRC Construction Innovation-funded projects: IAQ Estimator and Regenerating Construction. His tertiary education and expertise are in the areas of analytical and industrial chemistry, occupational hygiene, building and material sciences and air quality, areas in which he has been involved for over 30 years.

Academic Qualifications

Bachelor of Applied Science
(Chemistry), Honours and Dux of Department, Melbourne University, 1972;

Master of Applied Science, Melbourne University, 1975
(Dulux Australia Scholarship 1972-4)

Graduate Diploma of Occupational Hygiene, Deakin University, 1984

Doctor of Philosophy, Dept. of Applied Chemistry,
Royal Melbourne Institute of Technology University,
2000 - Emissions of Volatile Organic Pollutants from
Building Materials. Impacts on Indoor Air Quality

Professional Associations

Certified Occupational Hygienist, Australian Institute
of Occupational Hygiene

Member and past-chair Special Interest Group Indoor Air,
Clean Air Society Australia & New Zealand

Member, International Society of Indoor Air Quality &
Climate Member, International Society of Exposure
Analysis

Dr. Heike Neumeister-Kemp

Project Manager

Heike Neumeister-Kemp is currently the Chief Mycologist and mould investigator at Mycologia Australia. She is an internationally recognized expert in the field of Environmental Mycology (mould and fungi), particularly as it relates to indoor environments. Dr. Kemp also currently holds a position as a Research Associate at Murdoch University and teaches Biological and Environmental Science at both Murdoch University and Central TAFE. <http://www.mould.com.au/>

Academic Qualifications

Ph.D. - Doctor of Nature Sciences (rerum naturum) 1st
Class Honours

1990 - 1993 Free University Berlin, Berlin, Germany

Thesis Title: Nematophagus Fungi: Development of a
preparation technique for the x-ray microanalysis on the
example *Arthrobotrys oligospora*.

Diploma in Biology (Honours)

1986 - 1990 Free University & Technical University Berlin,
Berlin, Germany

Plant Physiology, Botany, Microbiology, Mycology &
Genetics. Thesis Title: Investigation of the growth of
Aspergillus alliaceus (fungi) in a Hubstrahl bioreactor.

Certificate IV in Workplace Assessment and Training

1994 Central TAFE, Perth Western Australia

Bryan Mason

Director of Photography

Bryan Mason is an award winning film-maker. Bryan has produced, shot and edited works in documentary, drama, advertising, film clips and dance and theatre installation. He has won numerous awards for his short film, documentary and music video work. Bryan has directed four internationally renowned skateboarding films, a series of broadcast documentaries and several music video clips. Bryan is a hands-on filmmaker with an exceptional attention to detail, he is a co-founder and partner of Closer Productions – a screen media company, based in Adelaide, Australia.

David Cole

Editor

Dave graduated from the Australian Film Television and Radio School completing a full time Masters Degree in Documentary Editing (2002) and also a full time Masters Degree in Editing Drama (2003). During this time at the AFTRS, I was co-recipient of the Film Australia Documentary award for excellence in Documentary Editing (2002) and also awarded the "Visualeyes" Complete Editor Award (2002 and 2003), and the Critics Choice Award for Best Editing (2003) for *"Truckies Don't Eat Quiche"*. He was also nominated for an AFI award for "best editing in a non feature" for the same film. Some of his recent credits include: *"Songlines to the Seine"*, 52min, SBS; *"Honey We're killing the kids"*, channel 10 reality series; *"Island Fethlers"*, SBS Half Hour; *"Footy Chicks"* 52 Minute SBS; *"My Restaurant Rules"* series 1 + 2, Channel 7; *"Queer Eye for the Straight Guy"*, Australian version, Channel 10.

Karryn de Cinque

Editor

Karryn has edited over 20 short films, starting out in 1994 with her award winning *'Michelle's Third Novel'*, which she directed and edited. It was selected to open the 32nd New York Film Festival and screened before the US premiere of Pulp Fiction. In 1999 Karryn completed a Masters degree at the AFTRS, specializing in editing. She graduated with the Frameworks editing prize for her work on the film *'Half Mongrel'* which went on to receive the "Tomorrow's Cinema" award in Burssels. Karryn has been working in both Australia and New Zealand.

Some of her recent documentaries include: *'What the Future Sounded Like'*, 1x26min for ABC; *"Two of Us"*, 2x26min for SBS; *"The Man who saved a Million Brains"* 1x26min for ABC; and *"Disturbing Dust"*, 1x26min for SBS.

Mark Fox

Editor

Experienced Avid/FCP/Film Editor with 15 years editing experience working in the UK and abroad for the BBC Specialist Factual Department, BBC Natural History Unit and American Co producers (Discovery, Nat Geo. Animal Planet) With over 60 programmes edited for network TV, primarily high quality documentary, drama doc, observational doc, magazine shows and live outside broadcasts, on all subjects from human interest, history, natural history and science to current affairs. Have worked in UK, Australia, Kenya, South Africa and Europe. Used to working for demanding producers and American co- producers, can work quickly and independently to tight schedules. Strong on storytelling and use of music. Excellent references from BBC series producers and execs available.

Paul Watling

Editor

Paul Watling is one of Australia's most sought after editors. Some of his recent credits include: *"Nerds FC"*, series 1+2, SBS; *"The Lost Tribes"*, Channel 9; *"Australian Idol"*, series 4, Channel 10; *"Secrets of the biggest Looser"*, Channel 10; *"My Restaurant Rules"*, Channel 7; *"Hot House"*. Channel 10; *"The Cut"*, Channel 7.

Credits

Opening credit

An Essential Viewing Production in association with Tallstoreez Productionz and the South Australian Film Corporation.

Credits List

Series Director

Roger Power

Directors

Daniella Ortega
Jennifer Lyons-Reid

Presenters

Peter Dingle
Cedric Cheong

Editors

David Cole
Karryn de Cinque
Mark Fox
Paul Watling

Camera:

Bryan Mason
John Biggins
Peter Coleman
Toby Ralph
Scott Kimber

Narration

Petra Schulenburg

Composer

Alexander Holland

Line Producer

Aline Jacques

Supervising Producer

Nial Fulton

Co-Producer

Carl Kuddell

Project Manager

Dr. Heike Neumeister-Kemp

Scientific Advisor

Dr. Steve Brown, CSIRO

Scientific Researcher Jennifer Lyons-Reid, BSc, DipEd

Production Manager

Beth Neate

Associate Producers

Jennifer Lyons-Reid
Peter Scobie

Production Assistants

Samantha Szillich
Rose Hartley
Aimee Knight

Sound Recordists

Lachie Fletcher
Leo Sullivan
Lionel Treget
Dave Pellow
Eddie Gill
Will Sheridan

Production Accountants

Lorraine Pickering
John Russell

Legals

Christine Newman

Assistant Editor

Sean Lahiff

Editor Attachment

Carly Turner

Offline Facility

2 Dogs Post; Jake Southall

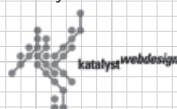
Graphics & Online

Resin
Grant Lovering
Lincoln Wogan

Sound Post

Tracks Adelaide

Website Designed and Developed by
Katalyst Web Design

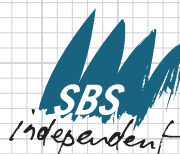


www.katalyst.com.au

End credit

Series developed by Essential Viewing and Tallstoreez Productionz

Produced in association with



Commissioning Editor

Jennifer Crone

Series Producer

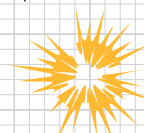
Sonja Armstrong

Executive Producer

Chris Hilton

Essential Viewing

Developed and Produced in association with South Australian Film Corporation



South Australian Film Corporation

©2007 South Australian Film Corporation, Essential Viewing and Tallstoreez Productionz